

Hood River County Energy Council 2022-2025 Work Plan

Background

The Hood River County Energy Council (Energy Council) is a community-led advisory body supporting implementation of the Hood River County Energy Plan (Energy Plan) in collaboration with the governing bodies that adopted the plan: Hood River County, the City of Hood River, the Port of Hood River, and the Port of Cascade Locks. The 11-member council includes representation from the four governing bodies and Energy Council appointed community members with expertise and interest in energy topics. The Council is supported by staff at Mid-Columbia Economic Development District. Council members and staff are building capacity to advance the Energy Plan through building relationships supporting projects and fundraising.

The long-range vision and goals of the Hood River County Energy Plan are as follows:

Vision

The Hood River County Energy Plan is a blueprint to improve community resilience, increase energy independence, and increase economic benefits related to energy use in Hood River County while reducing emissions from the burning of fossil fuels.

Goals

- A. **Reduce fossil fuel use.** Specifically, replace power generated from fossil fuels with clean, renewable energy in buildings, water systems, and transportation by 30% in 2030, 50% in 2040 and 80% in 2050, as compared with 2016 levels.
- B. **Improve resilience and energy independence.** Specifically, generate 50% of the county's energy needs from local diversified energy sources and storage capacity by 2050. Increase overall capacity, price security, energy generation control and stability, and provide key services in the event of an emergency.
- C. **Increase investment in local renewable energy resources.** Specifically, strategically utilize \$25 million in revolving funds by 2025 to enable local projects and create a business environment that supports our Energy Plan goals. Benefit the local economy by increasing investment in clean energy technologies and decreasing out-of-region and out-of-pocket expenditures. Keep dollars spent and dollars saved on energy in the community. Hood River County Energy Council Work Plan

The HRCEC maintains a work plan to help guide its efforts. The 2022-2025 Work Plan was prepared by the Energy Council subcommittees (consisting of involved members and expert volunteers). The plan was also informed by 12 partner organizations and six community members via survey. The purpose of this work plan is to document and communicate project priorities that the Energy Council hopes to support between 2022-2025. If a project is in the work plan, the Energy Council prioritized it based on the following criteria:

- **Energy Plan goals.** Significantly impact one or more Energy Plan goals, including reducing fossil fuel use, improving resilience and energy independence, and increasing investment in local renewable energy sources through a revolving fund
- **Equity.** Reduce an inequity or disparity related to energy.
- **Governing Bodies.** Present opportunities to benefit Energy Plan adopting governing bodies with direct projects and geographic balance as much as possible.
- **Project Value.** Support additional community benefits, including number and diversity of stakeholders benefited, energy, water, or money saved, community resilience and health benefits, potential for retaining or creating jobs, etc.
- **Capacity.** Are realistic to move forward given the capacity required from Energy Council stakeholders (example, HRCEC staff, HRCEC members, governing body staff, governing body elected bodies, key consultants).
- **Likelihood of Success.** Are considered to be in alignment with community priorities and the interests of organizations needed to implement.

Acronym Glossary

- **CityCL.** City of Cascade Locks
- **BEF.** Bonneville Environmental Foundation
- **BSWG.** (HR-White Salmon) Bridge Bi-State Working Group
- **CAT.** Columbia Area Transit
- **CRuSE.** Clean Rural Electric Car Share
- **CGCC.** Columbia Gorge Community College,
- **CityHR.** City of Hood River
- **DEI.** Diversity Equity and Inclusion

- **ELSBP.** Electric School Bus Learning Project
- **ETO.** Energy Trust of Oregon
- **FISH.** FISH Food Bank
- **HBA.** Home Builders Associations
- **HRCS D.** Hood River County School District
- **HRECP.** Hood River Electric Cooperative
- **HRC.** Hood River County
- **HRCEC.** Hood River Council Energy Council: HRCEC
- **HRVAC.** Hood River Valley Adult Center,
- **MCCAC.** Mid-Columbia Community Action Council
- **MCEDD.** Mid-Columbia Economic Development District
- **MTH.** Mount Hood Town Hall
- **NWPUD.** Northern Wasco Public Utility District
- **NWEC.** Northwest Energy Coalition
- **NWN.** Northwest Natural
- **PNNL.** Pacific Northwest National Laboratory
- **PortCL:** Port of Cascade Locks
- **PortHR:** Port of Hood River
- **PP.** Pacific Power
- **WF.** Westside Fire

Work Plan Priorities

1. Building Design, Construction, and Occupancy

Reducing energy use reduces the fossil fuel emissions from generating energy, but even when the electric energy supply is clean, energy efficient buildings provide many benefits. They reduce energy costs. They result in better indoor air quality and a more comfortable environment. During power outages, they help maintain safe temperatures for longer periods of time. Buildings that use less energy create less strain on community infrastructure, such as electric poles and wires. We can encourage energy efficiency during construction, and through upgrades to homes and buildings such as sealing cracks and updating heating, cooling systems, water heaters and appliances. The Energy Council seeks to implement projects that address the following priorities related to Buildings Design, Construction, and Occupancy between 2022 and 2025.

- 1.1. **Increase access to healthy, efficient homes among low and moderate income, and communities of color.** The Energy Plan calls for reducing energy bills for people that spend more than a third of their income on energy (known as energy burden). We also prioritize activities that reduce disparities within the community. For these reasons, we seek to prioritize activities that ensure low- and moderate-income families and communities of color benefit from low energy bills, healthy environments, and safety in the face of power outages.
- 1.2. **Encourage home labeling that reveals energy costs.** A building's energy efficiency effects energy cost and building comfort. However, this information is rarely available to buyers and renters. Energy labels that quantify energy costs can encourage more efficient homes and make it possible to get loans to make energy efficient upgrades. We seek to make the value of energy efficiency transparent to home buyers by encouraging energy labels provided by realtors and contractors.
- 1.3. **Encourage leadership by example.** The Energy Plan calls for adopting governing bodies to lead by example. We seek to encourage and support the Hood River County governing bodies in optimizing the energy technologies in their facilities.
- 1.4. **Reduce energy use for the highest energy users.** Large commercial and industrial customers are some of the highest energy users in the county. We seek to engage these entities in efficiency programs, technology upgrades and operational practices that reduce their energy use, climate change impacts, and save them money.

2. Transportation and Land Use

A little over half of Hood River County's energy usage, costs, and emissions are caused by the fossil fuels used for transportation. We can reduce energy use, save money, and reduce our contributions to climate change by replacing fossil fuel emitting fuels with clean (primarily electricity). We can also make it easier and safer for people to walk, bike, and use public transportation, instead of relying on personal vehicles. The Energy Council seeks to implement projects that address the following priorities related to Transportation and Land Use in 2022.

- 2.1. **Prepare infrastructure for electric vehicles.** There are many benefits to electric vehicles. In Oregon, electric fuel is cleaner and less toxic for air quality than gasoline and diesel. Compared with fossil fueled vehicles, an electric car can save owners more than \$1,000 a year in fuel and maintenance. More of the dollars spent on electric fuel stay within the community, creating additional economic benefits. Today, some electric vehicles cost the same as fossil fuel options and this will become more common with time. For these and other reasons, it is expected that electric vehicles will become more popular than fossil fuel options in the near future. However, rural communities will be slower to adopt this technology if the infrastructure needed to support electric vehicles is not ready. We seek to prepare the community by increasing the availability of supportive electric vehicle infrastructure through community-wide and site level planning.
- 2.2. **Support efficient, resilient public transportation.** We want to make sure the benefits of electric vehicles are available to the whole community. Electrifying school buses, car shares, and transit is a good way to do this. However, electrifying these fleets is more costly and complex. We seek to expand public transportation and support the electrification of public transportation.
- 2.3. **Understand the alternative fuels policy landscape.** With a new fuel called renewable diesel increasingly available and supported through state incentives, it is possible to affordably reduce fossil fuel emissions in existing diesel vehicles. Increasing the use of renewable diesel and other alternative blends, such as biodiesel, positively impacts air quality by reducing hazardous vehicle emissions. The State of Oregon currently mandates a certain percentage of alternative fuels (ethanol and biodiesel) blends at fueling stations. We seek to monitor and support local integration of alternative fuels when the timing is right.
- 2.4. **Encourage infrastructure that makes it safer for people to walk, bike, and use public transportation.** The most cost-effective way to reduce fossil-fuel use in transportation is by shifting people from private vehicles to more sustainable forms of transportation. Active transportation options, such as walking or bicycling also facilitate public health through increased physical exercise and reduced air pollution. Increasing access to and opportunities for active transportation

reduces economic inequalities. We seek to follow and support local, ongoing efforts to deprioritize cars and the speed of traffic and increase public transportation where it makes sense to do so.

3. Community Scale Solutions

Whether from winter storms, fires, or other events, power outages may occur in any season. Outages are increasing with more frequent and severe weather. On top of recurring events, the Pacific Northwest is faced with the threat of a large-scale earthquake that could leave Hood River County without access to electricity or liquid fuels for several weeks or longer. Resilient energy infrastructure, like renewable energy plus storage in microgrids, can provide backup power during electrical outages. In addition to providing clean energy every day of the year and backup power when necessary, renewable energy systems can be used to reduce monthly utility bills or generate revenue for local organizations. We can support resilient, renewable energy and storage systems by collaborating to design and fund systems that offer the greatest benefits. The Energy Council seeks to implement projects that address the following priorities related to Community Scale Solutions between 2022 and 2025.

- 3.1. **Develop sustainable pathways to identify and fund energy resilience projects.** The Energy Council works with school districts, foodbanks, governing agencies and more to develop energy projects that will increase community resilience. Increasingly, there are funding opportunities available to support these projects.

A new \$50 million state energy grant program (the [Community Renewable Energy Grant Program](#)) will soon be available to support energy resilience projects in rural parts of Oregon.

The Federal Emergency Management Agency invests billions of dollars into its hazard mitigation programs every year.

Significant new resources will be invested in community resilience through the federal Infrastructure Investment and Jobs Act, passed in 2021.

However, state and federal funding sources can be complicated and burdensome to access. We seek to develop and deploy streamlined, sustainable pathways for accessing federal and state funding for these and other priority projects.

- 3.2. **Create enabling conditions for Hood River County to achieve Energy Plan goals long term.** Energy projects can increase health, safety, and economic prosperity in many ways. Changes in state and federal policies are opening doors for new ways for the community to access these benefits through energy programs. We seek to participate in the

development of those programs to ensure they meet our community's needs.

4. All Energy Council

From 2019-2021, the Energy Council built a strong foundation for collaborative implementation of the Energy Plan. Beginning in Spring 2022, the Energy Council is entering a new phase with the transition of its primary staff member and the adoption of this work plan. In this new phase, we will build upon past progress to expand our impact. To do this, we will create structures to strengthen our work internally and externally. The Energy Council seeks to implement projects that address the following priorities between 2022 and 2025.

- 4.1. **Increase awareness of the Energy Plan and the Energy Council.** We seek to invite the community to learn about and participate in Energy Plan goals and implementation through the development of an informative website.
- 4.2. **Develop structures for integrating equity into Energy Plan implementation.** The Energy Council strives to reduce disparities and increase access to the benefits of energy projects through Energy Plan implementation. We have made progress in this work but need to do more to achieve this goal. To move to the next level, we need to look inward at how we operate and interact with each other and outward at how we develop projects.
- 4.3. **Maintain and grow capacity.** Energy Plan implementation is a community effort. We rely on local investment in time and resources. We also benefit from the support of numerous partners in and outside of the community. We seek to continue to invest in our relationships to ensure we have the capacity needed to achieve our goals.

2022-2025 Work Plan Projects

To implement the above priorities, the Energy Council has defined the following projects for the Energy Council to support between 2022-2025. Some of these are continuations of ongoing projects and some are new or modified. As funding, resource, policy, or product opportunities evolve, we expect that the scope or scale of some of these projects may change.

Description	Timing	Hood River County Energy Council (HRCEC) Role	Project Decision Maker Involved and Impacted Partners	Energy Plan and Priority Alignment
Buildings Design Construction and Occupancy				
<p><u>Creating Equitable Access:</u> Promote equitable access to energy efficient and resilient homes. Increase awareness of existing programs that provide support for energy efficiency and solar programs among low-moderate income and communities of color. Identify and address barriers to accessing resources. Explore how to develop a cohort of trusted contractors available to meet local demand for this work.</p>	<p>Jan- June '22 Assessment and next steps</p> <p>'23- '25: Implement and support contractor cohort</p>	<p>Coordinate implementation of phase 1 assessment and support strategy for phase 2.</p>	<p>MCEDD (Phase 1) TNDI, ETO, MCHA, MCCAC, HRECP, CityCL NWN</p>	<p>EP goal 1 and 2.</p> <p>Buildings Objective 2 and 3</p> <p>WP Priority 1.1</p>
<p><u>Affordable Housing Projects:</u> Ensure low-moderate income families benefit from low energy bills, healthy environments, and safety in the face of power outages. Encourage and support efforts to make the new affordable housing development at Rand Road, and any future affordable housing developments, highly efficient, resilient, and all electric. Collect data on energy use, resident experiences, and share lessons learned.</p>	<p>'22 encourage elements in design</p> <p>'23 Construction occurs.</p> <p>'24 track impacts.</p>	<p>Connect to ETO programs. Engage in planning and support identification of additional funding for solar + storage.</p>	<p>CityHR, CDP and CCHC HRCEC, Energy Trust of Oregon</p>	<p>EP goal 1 and 2.</p> <p>Buildings Objective 1 and 3</p> <p>WP Priority 1.1</p>

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<p><u>Public Buildings Optimize Energy Use:</u> Support the efficient use of public resources. Encourage public buildings to complete energy audits and implement cost-effective measures that save energy. Where applicable, take advantage of Strategic Energy Management support from Energy Trust of Oregon.</p>	<p>'22 complete audits '23 encourage upgrades '24-'25: track</p>	<p>Track and coordinate ETO and BPA support as needed.</p>	<p>HRC, CityHR, PortCL</p>	<p>EP goal 1 Buildings Objective 2 WP Priority 1.3</p>
<p><u>Residential New Construction Voluntary Green Building Policies:</u> The greatest and least cost opportunity to impact the energy use and comfort of buildings is during construction. Support governing bodies in deploying incentives and/or sharing information that encourages home builders to build more efficient, comfortable, and resilient homes.</p>	<p>'22 propose options '22-'25 execute</p>	<p>Prepare information on pathway options and their impacts and support governing bodies.</p>	<p>HRC, CityHR, and CityCL are decision makers. ETO, home builders association, affordable housing developers, local building contractors</p>	<p>EP goal 1 and possibly 2. Buildings Objective 1 WP Priority 1.1</p>
<p><u>Residential Building Home Labeling Policies:</u> Energy bills affect cost of living but are rarely understood at the time of purchase. Support the development of home energy labeling programs that clarify energy costs and open up financing options for energy efficient upgrades. Share the benefits and the anticipated impacts on community and governing body operations.</p>	<p>'22 review models '23 request adoption '24-'25 implement</p>	<p>Prepare recommendations on policy, support outreach and education.</p>	<p>HRC, CityHR, ETO, HBA, developers of affordable housing, realtors, local building contractors</p>	<p>EP goal 1 Buildings Objective 2 WP Priority 1.2</p>
<p><u>Large Private Buildings Optimize Energy Use:</u> High</p>	<p>'22 outreach</p>	<p>Support</p>	<p>Building owners</p>	<p>EP Goal 1</p>

Description	Timing	Hood River County Energy Council (HRCEC) Role	Project Decision Maker Involved and Impacted Partners	Energy Plan and Priority Alignment
energy using businesses will benefit from reduced electric bills. Connect commercial and industrial businesses to resources that will support them in operational improvements and technologies to reduce reducing their energy use.	and cohort identification '23 - '25 cohort execution	coordinated outreach	(including PortCL, PortHR) ETO, private businesses	Buildings Objective 2 WP Priority 1.4
Transportation and Land Use				
<u>Electric Vehicle Infrastructure Study:</u> Electric vehicles are expected to become more popular than vehicles powered by gasoline or diesel, in the near future. Complete a study to understand where investments in charging infrastructure are needed to prepare the community for electric vehicles. Consider the needs of the community as a whole, as well as key public fleets.	Timing depends on funding. '22: Planning '22-24 implement	Coordinate stakeholder input in study. Share results.	PNNL PortHR, CityHR, NWPUD, the LINK, PortCL, FID, CityCL, CAT	EP Goal 1 Trans and Land Use Objective 2 WP Priority 2.1
<u>Non-Residential Charging Station Site Assessments:</u> Understanding the cost of charging stations is the first step in transitioning to electric vehicles. Encourage organizations in Pacific Power territory to take advantage of free evaluations for charging station assessments.	'22-24	Connect organizations to resources	Organizations, Pacific Power	EP Goal 1 Trans and Land Use Objective 2 WP Priority 2.1
<u>Electric Vehicle (EV) Planning with Local Governments and Local Utilities:</u> Reduce infrastructure costs and accelerate EV adoptions. Support governing bodies and	'23 - '25	Analyze potential strategies, identify	CityHR, HRC, CLMU, HRECP	EP Goal 1

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<p>publicly owned utilities in considering innovative programs to support transportation and reduce the costs of electrification. Examples for municipalities include requiring vehicle or bike charging in right of ways, lamp posts, or multifamily dwellings when under development. Examples for utilities include developing make ready infrastructure and other resources that reduce the barriers for charging infrastructure.</p>		<p>resource opportunities, and provide support for implementation as needed.</p>		<p>Trans and Land Use Objective 2 WP Priority 2.1</p>
<p><u>Investigate Renewable Diesel</u>: Biodiesel and renewable diesel are low-emission fuel options that can be mixed with or replace fossil fuel diesel in transportation. Monitor state bills and other cities working to reduce climate change emissions via reduced or fossil-free diesel fuel policies.</p>	<p>'22-'25</p>	<p>Track and share progress of city and state efforts</p>	<p>CityHR or HRC</p>	<p>EP Goal 1 Trans and Land Use Objective 2 WP Priority 2.3</p>
<p><u>Hood River County School District (HRCSD) Resilient Electric School Bus and Microgrid</u>: Electric school buses reduce student and community exposure to toxic emissions and reduce fossil fuel use. They also offer unique opportunities to support the community during a power outage. Support HRCSD in procuring an electric school bus that is capable of providing mobile backup power during power outages.</p>	<p>'22: Support funding application '23-'25: Support district, as needed, with implementation</p>	<p>Support coordination with technical assistance providers, provide grant writing technical assistance as needed</p>	<p>HRCSD BEF, ESBLP</p>	<p>EP Goal 1 Trans and Land Use Objective 2 & 3 WP Priority 2.2</p>

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<p><u>Gorge Transit Strategy</u>: The Gorge Transit Strategy is an important, collaborative planning process that will set forward a vision for coordinated public transportation in the Gorge. Support the Gorge Regional Transit Strategy Working Group in considering fleet electrification, and, if interested, other low-emission fuels like renewable diesel.</p>	On going	Engage in conversations related to alternative fuels. Connect with resources.	Gorge Transit Strategy Steering Committee Possible: ESBLP, BEF, Clean Cities Coalition, Forth as needed	EP Goal 1 Trans and Land Use Objective 2 and 4 WP Priority 2.2
<p><u>Clean Rural Electric Car Share</u>: Hood River County is home to the first Clean Rural Electric Car Share (CRuSE). The car share increases access to clean transportation by offering short term (by the minute) rentals of electric cars. Encourage the success of CRuSE and support the project's next steps after the pilot concludes.</p>	On-going	Participate in planning meetings with program implementers.	Forth manages the project partners. Locally those include CityHR, CAT, MCHC, PortHR	EP Goal 1 Trans and Land Use Objective 2 and 4 WP Priority 2.2
<p><u>Public Process Engagement</u>: Reduce reliance on personal vehicles by making it easier for people to walk, bike, and use public transportation. Reduce fossil fuels and improve air quality. Engage in public processes and help identify the impacts of policies on Energy Plan goals. Engagement priorities will be evaluated yearly. In 2022, priorities include Safe Routes to School and Heights Streetscape Plan, Columbia Area Transit Master Plan, & The Gorge Regional Transit Strategy.</p>	'22- '25	Review plans for their alignment with Energy Plan goals.	Varies by process CAT, CityHR, Translink Alliance, Streets Project	EP Goal 1 Trans and Land Use Objective 2 WP Priority 2.4

Description	Timing	Hood River County Energy Council (HRCEC) Role	Project Decision Maker Involved and Impacted Partners	Energy Plan and Priority Alignment
Community Scale Solutions				
<p><u>Residential Solarize Campaign</u>: Solar paired with storage can reduce energy bills and protect people during outages. However, lack of information and other barriers prevents its adoption. Coordinate an educational campaign that invites homeowners to learn about the benefits and process of installing solar and energy storage. Offer support and encouragement for adopting systems. Prioritize outreach to Latinx homeowners.</p>	'22	<p>Support coordination and outreach.</p> <p>Manage contracted outreach support from TNDI</p>	Homeowners, Solar Oregon, ETO MCEDD, TNDI	<p>EP Goal 1 and 2</p> <p>Comm. Scale Sol Objective 1, Build. Objective 3</p> <p>WP 3.1</p>
<p><u>HRC Community Resilience Mapping</u>: Develop a map that helps identify and prioritize energy projects that provide the most benefit to the community. Specifically, consider where energy projects could provide backup power to key services, support vulnerable populations, and offer other benefits. Work with governing bodies, social service providers, and other key stakeholders.</p>	'22-24	Support coordination	Energy Trust of Oregon HRC, PortHR, PortCL, CityHR, vulnerable population support representatives, critical facility representatives	<p>EP Goal 1 and 2</p> <p>Comm. Scale Sol Objective 1</p> <p>WP 3.2</p>
<p><u>Funding Partnership Pathway(s)</u>: There are many funding opportunities that could support energy projects at the federal and state level. However, they can be complicated and burdensome to access. Work with HRC</p>	'22-:'23: Develop pathway '23-'25:	Support coordination	HRC and/or others ETO, CityHR, PortHR, PortCL and others.	<p>EP Goal 1 and 2</p> <p>Comm. Scale Sol Objective 1</p>

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governing bodies to develop streamlined, sustainable pathways for accessing federal and state funding for energy resilience and other priority projects.	access			WP 3.1
<u>Pacific Power Distribution System Plan Engagement:</u> Ensure local electric infrastructure (known as the distribution system or grid) is supportive of the goals of the Energy Plan. Engage in the Pacific Power Distribution System Plan (DSP) planning process. Encourage transparency at all levels. Support opportunities to keep dollars local and protect the community in the face of hazards.	'22	Coordinate with NVEC to track and engage in the process.	Pacific Power	EP Goal 1 and 2 Comm. Scale Sol Objective 1 WP 3.1
<u>Hood River County School District (HRCSD) Resilient Bus Barn:</u> Renewable energy systems and storage can provide benefits to electric providers and the community. Support development of a microgrid at the HRCSD bus barn capable of charging the bus during a power outage and providing benefits to the electric utility. Specifically, support a feasibility study and pursue project funding.	'23: Complete feasibility	Coordinate feasibility studies. Consider aggregated funding if beneficial.	HRCSD, BEF, ETO Forth, ELSBLP,	EP Goal 1 and 2 Comm. Scale Sol Objective 1, Build. Objective 3 WP 3.2
<u>County-Wide Critical Facilities Solar + Storage Microgrids:</u> Power outages may occur in any season and their risks are increasing with more frequent and severe	'22-'23 Support some funding	Coordinate fundraising. Consider	FISH, HRC, CityHR, CGCC, WF, CityCL, HRCSD, MHTH,	EP Goal 1 and 2

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<p>weather. Support the development of solar + storage systems at critical facilities designed to keep buildings operational for a two-week power outage. Specifically, identify individual or aggregated funding strategies to build projects. <i>Feasibility assessments have been completed on 10 facilities.</i></p>	<p>requests '23 - '25 support aggregated funding request</p>	<p>aggregated funding if beneficial.</p>	<p>HRVAC, others depending on funding source ETO</p>	<p>Comm. Scale Sol Objective 1, Build. Objective 3 WP 3.2</p>
<p><u>Green Tariff</u>: In coordination with state agencies and local communities, Pacific Power is developing a program that allows communities to determine their energy sources. The program is the best opportunity to meet Energy Plan goals for electrical energy. Ensure the program Pacific Power designs will meet Hood River County Energy Plan goals by advocating for key program elements that support local renewable energy generation goals.</p>	<p>'22 - '23 inform program development</p>	<p>Advocate for program elements that would achieve HRC EP goals.</p>	<p>CityofHR and HRC, Pacific Power FCA, ETO</p>	<p>EP Goal 1 and 2 Comm. Scale Sol Objective 1 Build. Objective 3 WP 3.1</p>
<p><u>Farmers Irrigation District (FID) Microgrid</u>: Hydropower within irrigation systems provide substantial, reliable renewable energy. Support development of a resilient microgrid using existing FID hydropower along with new solar and energy storage. The system should be able to backup FID facilities as well as other critical facilities. Specifically, support FID identifying funding for next stage feasibility and engaging with Pacific Power.</p>	<p>'22: review funding opportunities '23-'25 support funding</p>	<p>Support funding identification</p>	<p>FID, Pacific Power ETO, FCA</p>	<p>EP Goal 1 and 2 Comm. Scale Sol Objective 1 Build. Objective 3 WP 3.2</p>

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<p><u>City of Hood River Wastewater Treatment Plant:</u> The wastewater treatment is the City’s largest energy user. In coordination with on-going facility updates, support the City in integrating opportunities to reduce fossil fuels and save and generate energy. Specifically, explore options for biogas storage, microgrids and small district heating systems. Support data collection, feasibility studies, and fundraising, where applicable.</p>	<p>‘22 Data collection ‘23 - ‘24 feasibility studies</p>	<p>Support funding identification, support data review, connect to resources, consider aggregated funding</p>	<p>CityHR ETO, NWN</p>	<p>EP Goal 1 and 2 Comm. Scale Sol Objective 1 Build. Objective 2 WP 3.2</p>
<p><u>Hood River Bridge Energy Resilience:</u> The development of a new Hood River Bridge is a region-wide priority as a critical link between communities and plays a role as a vital, regional link for our economy. Ensure a new Hood River Bridge achieves the goals of the Hood River County Energy Plan as much as possible. Support pedestrian connectivity elements, energy efficiency, and renewable energy.</p>	<p>Sep ‘22 - Dec ‘23</p>	<p>Connect to ETO</p>	<p>BSWG, PortHR ETO</p>	<p>EP Goal 1 and 2 Comm. Scale Sol Objective 1 Build. Objective 2, T&L Use Obj 1 WP 3.2</p>
<p><u>In-Conduit Hydro Systems:</u> Small-scale, renewable, hydropower systems within irrigation and drinking water infrastructure are an impactful way to meet Energy Plan goals. Support systems under development for the City of Hood River (CityHR) and East Fork Irrigation District (EFID). Help identify funding development pathways when applicable.</p>	<p>‘22: Support CityHR project funding ‘23-‘25: Support EFID</p>	<p>Support fundraising. Consider aggregated funding if beneficial.</p>	<p>EFID, CityHR ETO</p>	<p>EP Goal 1 and 2 Comm. Scale Sol Objective 1 WP 3.2</p>

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	funding			
<p><u>Resilient Economic Development</u>: Encourage the development of microgrids that support economic resilience within new and existing developments. Engage with building owners and developers and identify funding for feasibility studies.</p>	'22 present to the Port of HR '24 – '25	Share findings from Value of Energy Resilience Report and identify feasibility funding	Assorted PortHR, PortCL, valued added agriculture, beverage manufacturing, cold storage	EP Goal 1 and 2 Comm. Scale Sol Objective 1 WP 3.1
<p><u>Renewable Energy and Storage Project Tracking</u>: Maintain comprehensive list of individual Energy Council supported energy projects under consideration.</p>	'22 - ongoing	Prepare and maintain list	Project owners	EP Goal 1 and 2 Comm. Scale Sol Objective 1 WP 3.2

Cross Cutting All Energy Council Projects				
<p><u>Diversity Equity and Inclusion (DEI) in Energy Council Operation and Projects:</u> The Energy Council values equity. Apply a Diversity Equity and Inclusion (DEI) lens that is place based and relevant to Hood River County. Complete DEI training. Develop and agree on a path to integrate equity, as well as diversity and inclusion into Council operations and projects.</p>	'22	Coordinate and participate in training. Develop DEI lens.	MCEDD Consultant	WP 4.2
<p><u>Energy Plan Website:</u> Community buy-in plays an important role in Energy Plan implementation. Build a scalable website that increases awareness about the Energy Plan and the efforts of the Energy Council. Solidify structure to support needed updates.</p>	'22	Develop website in coordination with a consultant	MCEDD Consultant	WP 4.1
<p><u>Implementation Capacity:</u> Ensure that the Energy Council and community has the necessary capacity to implement its work plan. Grow reliable resources to support project coordination and implementation.</p>	'22-'25	Support fundraising to meet capacity needs.	MCEDD, HRC, CityHR, PortHR, PortCL, others.	WP 4.3
<p><u>Staff On-Boarding:</u> The Hood River County Energy Council will be supported by a new staff member beginning in Spring 2022. Ensure they are set up for success by supporting on-boarding, including but not limited to, review of Energy Plan concepts, review of projects, and introduction to stakeholders.</p>	March '22 - December '22	Support on-boarding meetings.	MCEDD	WP 4.4

<p><u>Partner Appreciation</u>: Hood River County Energy Plan implementation relies on the generous support of many partners. Recognize this support through annual acknowledgement.</p>	<p>'22 - '24</p>	<p>Prepare annual acknowledgement</p>	<p>HRCEC </p>	<p>WP 4.4</p>
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